



AFM Abrasive Flow Machining



EASYFLOW

The new machine fits in minimum budgets and delivers maximum performance.

EASYFLOW polishes your dies up to the ultimate performance level. With large capacity, strong hydraulic power, the ability to process large dies, and astonishing simplicity, EASYFLOW brings your production a step forward in competitiveness. Save time and money. Invest now in state-of-the-art economical die polishing machine directly from the inventor of the Abrasive Flow Machining process – Extrude Hone – a name you can trust.

FEATURES and BENEFITS

- + **Media cylinder**
Available with different size of media cylinders: 6" (150mm), 8" (200mm), or 10" (250mm).
- + **Media stroke**
Stroke is 12.5" (320mm).
- + **Media flow rate and pressure**
Flow rates are between 19 and 53 L/min and pressure up to 1450 psi (100 bar) with 6" (150mm) media cylinder.
- + **Clamp system**
Fully hydraulic clamp system with maximum opening of 21.6" (550mm).
- + **Control panel**
Equipped as standard with Siemens control and 7.5" Siemens touch screen.





TECHNICAL INFORMATION

AFM EASYFLOW



MACHINE SPECIFICATIONS

Dimensions:

(W x D x H machine body)	1350 x 1900 x 2300mm (53.15 x 74.8 x 90.5")
(W x D x H cylinder head up)	1350 x 1900 x 2600mm (53.15 x 74.8 x 102.4")
Weight	2000 kg (4400 lbs)
Table height	1040mm (41")
Working area surface (W x D)	865 x 760mm (34 x 30")
Maximum weight supported by the table	300 kg (660 lbs)

Clamping System:

Stroke	500mm (20")
Max opening	550mm (22") without tooling plates
Min opening	46mm (1.8") without tooling plates
Working distance between clamp columns	865mm (34.1")

Media System:	150	200	250
Media cylinder diameter	150mm (6")	200mm (8")	250mm (10")
Media stroke length	320mm (12.5")		
Media capacity	5,6 l/7,3 kg (345 cu.in.)	10 l/13 kg (613.5 cu.in.)	15,7 l/20,4 kg (958.5 cu.in.)
Max media pressure	100 bar (1,450 psi)	61 bar (885 psi)	41 bar (595 psi)
Min media pressure	10 bar (145 psi)	6 bar (87 psi)	4 bar (58 psi)
Media flow rate	19 L/min (5 GPM)	34 L/min (9 GPM)	53 L/min (14 GPM)

Hydraulic Unit:

Maximum pressure	100 bar (1,450 psi)
Pump flow rate	19 L/min (5 GPM)
Tank capacity	130 l (34.5 gal)

ELECTRICAL SPECIFICATIONS

The machine is PLC controlled with Siemens S7-200. Equipped with 7.5" MP277 touch screen interface from Siemens. Electrical (EU and Asia) 400 VAC, 3 Phase +N +PE, 50 Hz. Electrical (North America) 230/460 VAC, 3 Phase, 60 Hz. Control 24VDC. Installed power/amperage peak 10 kVA/25A. Status light: Red – Amber – Green

MACHINE FEATURES

Strong welded frame with large table working area. Built-in hydraulic group and electric cabinet at the rear. Aluminum cooling wraps around top and bottom media cylinders (to be connected to a cooling unit not included). Cycle and volume media parameters, manual pressure adjustment.

AVAILABLE OPTIONS

Chiller unit.
Table or stand alone blowing unit.
Table ultrasonic unit.
Media cylinder size (150mm, 200mm, or 250mm).



NOTE: Specifications and availability are subject to change without notice.